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Notes ID: 55C33FE5D5391FAA852578690055810C

From: Jim Brown/R1/USEPA/US

To: Dave Dickerson/R1/USEPA/US@EPA

Copy To: ElaineT Stanley/R1/USEPA/US@EPA; "Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil>

Delivered Date: 10/30/2007 10:28 AM EDT

Subject: RE: CDF-A Construction Cost Meeting

Dave, not sure I can make Friday and I'll be in Vegas next week.

The Corps should be able to wrap up the CDF A&B construction cost without too much problem. My only concern was the low-ball estimate for the utility work. That's the part that needed some work. However, you and Elaine should think about how much effort to put into finalizing the initial construction estimate for A and B and developing the operational costs (filling CDFs A, B and C) at the various funding levels (\$15 - \$80 million per year). If we pay attention to every little detail completing the cost analysis for the various funding levels will drive everyone totally crazy.

Some simplifying assumptions could make the task a lot easier and still be more than adequate documentation that off-site T&D is cheaper than CDFs. Technically our estimate which will be part of a future FS Addendum Report only needs to be +50%, -30%. I have some thoughts on simplifying assumptions that I can pass on to you and Elaine if I can't make it Friday.

The most basic parameter that still needs to be determined is the filter cake storage capacity of each CDF. We should assume we can't pile the stuff as high as we would like and the final cap height is the elevation of the street or the CDF berm elevation that's provided in the ROD (11.? NGVD?).

Once we calculate the filter cake storage of the CDFs (especially A&B) I think it should become obvious that they can't compete with off-site T&D even if we could build and fill them all in one year.

Jim

▼ Dave Dickerson/R1/USEPA/US

Dave Dickerson/R1/USEPA/US 10/30/2007 08:10 AM	
To	"Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil>
cc	Jim Brown/R1/USEPA/US@EPA, ElaineT Stanley/R1/USEPA/US@EPA
Subject	RE: CDF-A Construction Cost Meeting

Bob - have you heard from Moe and Paul as to their availability? It will be important to get their input re the filling and year to year management of the CDFs.

Jim - will you be able to attend a Friday morning meeting at 9?

Dave

▼ "Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil>

"Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil> 10/29/2007 06:03 PM	
To	Dave Dickerson/R1/USEPA/US@EPA
cc	
Subject	RE: CDF-A Construction Cost Meeting

Hello Dave!

How does 9:00 AM on Friday work for you? We could come down to the Boston EPA office?

Pl. advise.

Tx

Bob

-----Original Message-----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov]
Sent: Monday, October 29, 2007 11:56 AM
To: Leitch, Robert A NAE; Brown.Jim@epamail.epa.gov;

stanley.elainet@epamail.epa.gov; Beaudoin, Maurice NAE; L'Heureux, Paul G NAE
Cc: Mitkevicius, K C NAE
Subject: Re: CDF-A Construction Cost Meeting

All - I agree with Bob that it'd make sense to have a meeting on this effort, especially with all the transitioning going on. Friday the 2nd has been proposed, which works for me. Let us know your availability.

Dave

"Leitch, Robert
A NAE"
<Robert.A.Leitch To
@usace.army.mil> Dave Dickerson/R1/USEPA/US@EPA
cc
10/26/2007 11:27 "Mitkevicius, K C NAE"
AM <K.C.Mitkevicius@usace.army.mil>
Subject
CDF-A Construction Cost Meeting

Hello Dave!

I met with Mark Anderson and Chris Lindsey (USACE Cost Estimator) this AM to discuss the subject effort. It seemed to me that a face to face Mtg with the three of us would be beneficial to discuss what has been previously done when Jim was involved and to discuss the effort going forward. This would include

1. Assumptions
2. applying unit costs from the CDF-C estimate
3. utility relocation
4. construction sequence

Does next Friday morning fit your schedule for this Mtg? OR next Monday afternoon? Both Chris and I have training from Tues to Thurs.

I understand Jim was involved with this effort before, so you can decide whether to include him in this mtg.

Thanks

Bob Leitch

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